

# Unique parade today as Innis College opens



A proud Principal Peter Russell poses in Innis College's new quarters.

by Paul Carson

The new building housing Innis College will be opened officially today. Instead of cutting the traditional ceremonial ribbon, Principal Peter Russell will cut a shoelace, symbolizing how the College's new home was built on a shoestring budget.

The novel ceremony will be preceded by an equally unique parade in which each participant will carry a piece of light furniture two city blocks from the College's temporary quarters in the former home of Sir John A. Macdonald at 63 St. George St., to the new building at St. George and Sussex. The self-help procession serves as a reminder that the College is organizing a Kitchen Sink Fund to defray the costs of furnishing the new facilities.

The parade begins at 4:30 p.m., arriving at the new building about 5 p.m. Opening ceremonies will be held between 5-6 p.m., and will be followed by an informal reception. Among those assisting Principal Russell will be the Honourable Pauline McGibbon, Lieutenant-Governor of Ontario, and former Chancellor of the University; President John R. Evans; Prof. Robin Harris, first Principal of Innis College; and representatives of various student, alumni and community organizations.

Founded in 1964 and noted for its innovative and community spirit, Innis College is named in honour of the late Harold Innis, a professor of political economy and pioneer in communications theory,

who taught at U of T from 1920 until his death in 1952.

Innis serves as an interdisciplinary college. Its enrolment, intended not to exceed 800, now totals about 700 Arts and Science students plus 51 students from the various professional faculties in the University.

In their planning, the College staff and students rejected the concept of a traditional dormitory structure, selecting instead an "in-fill" arrangement which architecturally combines the nineteenth-century house on the site with a four-storey modern edifice.

Designed by Toronto architect Jack Diamond, the project stayed within a tight \$18 million budget, all funds coming from the University and through Innis College's efforts, and without direct government assistance.

Special features include: Innis Hall, a multi-purpose lecture room and theatre; a three-tiered reading room; writing lab; two glass-walled skylit galleries, and a cozy pub and cafeteria linking the "old house" portion with the new building. A "green area" courtyard will be sodded by the students this spring.

In conjunction with its new academic building, Innis College is involved with another unique concept - Innis Community Corporation, which intends to renovate the remaining old houses on the site in an experiment in community living involving both students and non-students.

## Bulletin

University of Toronto

Friday January 9, 1976

No. 19 29th Year

### A case of 'the ancient art of body-snatching'

The following address was delivered by President John Evans on the occasion of the inauguration of Dr. Jill Ker Conway as seventh President of Smith College, October 19, 1975.

It is an honour and a matter of great personal satisfaction to have the privilege of bringing the greetings of the University of Toronto, and indeed all the Canadian universities, on the occasion of the

inauguration of Jill Ker Conway as seventh President of Smith College. Understandably, I have mixed feelings about this occasion and in some ways I feel it would be more appropriate to present a grievance rather than a greeting to Smith College for having spirited away an outstanding leader from the University of Toronto. I had not realized that the ancient art of body-snatching was practised by universities and colleges without medical schools.

President Conway is well known and greatly respected by her university colleagues in Canada. She holds a special place of affection at the University of Toronto where she leaves behind a reputation of outstanding teaching and research and truly extraordinary service to the whole university community as Vice-President, Internal Affairs. Those of us who worked closely with her in Toronto are keenly aware of the extent of our loss which is Smith's gain. She has a lively mind, humanity, wisdom and compassion. On academic issues she was sensitive to the need for change but discriminated perceptively between what was faddish and fundamental in academic values. On human rights issues, which have been exercising most universities recently, she brought a fresh and balanced viewpoint to bear without losing the respect of those who might have felt most threatened. Her serenity and her composure brought equanimity to the broader university community in troubled times. And in her administrative post she proved unusually adept at translating her philosophy into practical mechanisms. But I must warn you not to be deceived by the charming appearance of gentleness and acquiescence. Behind the demure facade is resoluteness - a combination of reasoned persistence and persistent reason.

There were, however, certain problems and the peerless con-

science typical of presidents in all walks of life compels me on this occasion to draw to your attention certain "idiosyncracies" of your new President. On occasions such as this in Canada there is a custom called the "inauguration exhortation" which is adapted, I believe, from the marriage ceremony. It reads as follows: "If anyone present knows just cause why these noble trustees and this cunning administrator should not be joined in mortal wedlock, let her speak now or forever forsook peace!" Well, there were certain problems at Toronto and I believe these can be attributed to her early life on a sheep station in Australia where local responsibilities and geographic isolation restricted her to education by correspondence courses. First, a predilection for gambling so common on sheep stations has pervaded her style of administration - a combination of Monte Carlo gaming theory for decision-making and

Russian Roulette for achieving consensus. This unorthodox approach introduced an element of excitement to the administrative process, cut through unnecessary deliberation and red tape, but led to an unmanageably rapid turnover of administrative colleagues and trustees.

A second problem was Jill's determination to ensure that her heavy administrative duties did not interfere with her desire to remain in the forefront of her discipline. At first I applauded this zeal and offered to assist in any way possible. When it became apparent, however, that the discipline she espoused was sheep-shearing and not history, and that the administrative offices of the university were to serve as holding pens, it became necessary to draw the line. This was not just a matter of administrative inconvenience. Indeed, several long-haired

Continued on Page 2



Dr. Jill K. Conway, pictured here with President John Evans on the occasion of her installation in October 1975 as the first woman President of Smith College, is returning to the University on Wednesday, Jan. 14, to deliver a special lecture on "Education for Women". The lecture, co-sponsored by the Innis College Women's Studies program and the SAC Women's Commission, is at 7 p.m. in Innis Hall in the new Innis College. Dr. Conway has recently received two significant honours: a Doctor of Laws degree from Mount Holyoke College and selection by the editors of *Time* magazine as one of their 12 "Women of the Year".

### Governing Council nominations

Nominations will open January 19 and will remain open until 12 noon, January 30, for the following positions:

- 4 full-time undergraduate student seats
- 2 part-time undergraduate student seats
- 2 graduate student seats
- 4 teaching staff seats
- 1 administrative staff seat

Vested in the Governing Council are the management and control of the University and of University College, and the property, revenues, business and affairs thereof.

Details of constituencies and electoral procedures will be published shortly in the campus newspapers. Nomination forms will be available upon request on January 19 and thereafter, from the Governing Council Secretariat, Room 106, Simcoe Hall, or at the Registrars' Offices at Scarborough and Erindale Colleges. Enquiries may be directed to the Governing Council Secretariat at 928-6576.



## FORUM

### Self assertion and women's virtues

To the Editor:

Does self-assertion necessarily mean "putting other people down"? It is unfortunate that Mrs. Ireland links the two ideas in her main sentence (Universities and the Role of Women, Dec. 19, 1975). Perhaps since she signs herself Mrs., she also believes some virtues are masculine and others feminine and hence self-assertion is a misplaced virtue in women's hands?

Working for others is a traditional womanly virtue and certainly one not many women are prepared to reject. However, one also hopes that it is a masculine

virtue and therefore inappropriate as the primary motive of a woman's movement.

Mrs. Ireland is clearly content with the status quo, but there are very real and practical problems that are sufficiently widespread for collective expression by and for women. Concerned individuals are politically insufficient and coherent consolidation is valid. It is certainly easier to work within the status quo, but it is not necessarily more effective.

Carol Roggie (Ms.)  
Dean's Secretary,  
Faculty of Library Science

### Commonwealth universities publications

The University has received copies of the new editions of the following material published by the Association of Commonwealth Universities: the *Commonwealth Universities Yearbook 1975*, *Awards for Commonwealth University Staff, Scholarships*

*Guide for Commonwealth Postgraduate Students and Schedule of Postgraduate Courses in United Kingdom Universities.*

One copy of each publication is available in the Reference Section, Robarts Library and at the Office of the Vice-President and Provost, Simcoe Hall.



Though called a stone boat, this ornate structure is in fact a jetty, and has never moved from its moorings in the Summer Palace just outside Peking. Decorated in an ornate style that has been termed Chinese Victorian, the stone boat was erected for the amusement of the last Dowager Empress. This photograph was taken during a study-tour of China in October by Jeannie Parker, a graduate student in East Asian Studies.

## Dr. Hornykiewicz gains Hope award

For his work in neurosciences, Dr. Oleh Hornykiewicz, Professor and Head of the Department of Psychopharmacology at the Clarke Institute of Psychiatry, has been named the winner of the City of Hope Research Award. A graduate of the University of Vienna where he received his M.D. degree, Prof. Hornykiewicz has held academic positions at his alma mater. He has been a British

Council Scholar at Oxford University, and he is internationally renowned for laying the foundation for the modern therapy of Parkinson's disease and related disorders of the brain and nerves.

The City of Hope, in California, encompasses 40 buildings on 93 acres, and is dedicated to seeking to influence medical sciences throughout America and the

world. Its modern facilities provide free care of excellent quality for patients suffering from leukemia and cancer; from heart, blood, and respiratory affections; and from diabetes and other disorders of heredity and metabolism.

The third annual City of Hope Research Award was presented to Dr. Hornykiewicz on Oct. 18, in Duarte, California.

## IES offers transdisciplinary courses

A newly designed and "truly transdisciplinary" course is being offered for graduate students by the Institute of Environmental Studies. The course will perform a synthesizing and integrative function for the Institute's research and teaching program. Leading experts will direct seminar discussions during the first half of the

course on selected basic components of human environmental systems, including the design of man-environment systems, risk assessment, the role of communication and information flows, the setting and evaluation of standards, regulations and procedures, and the structure of decision-making and policy.

Students will be expected to apply these concepts in their own case studies of selected examples of human-environmental systems such as nuclear risks, the human ecology of urban systems, lead hazards and rural water supply improvements in developing countries. The case studies, designed to fit the interests of students from varied disciplinary backgrounds, will form the focus of the second half of the course. In addition, the course will review the theory and methodology of systems approaches to man-environment relationships.

The human environmental systems course is directed by Prof. Ian Burton and Dr. Anne Whyte, who can supply further details.

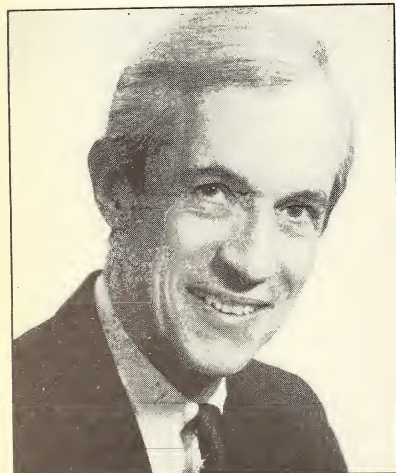
Students wishing to take the course are asked to notify Prof. Burton at 928-6409 and to attend the first meeting, which will be in Room 211 of the I.E.S. Haultain Building at 2 p.m. on Wednesday, Jan. 14.

### Victoria seeks new Principal

A committee has been established to nominate a successor to Principal J.M. Robson of Victoria College, who wishes to relinquish this post as of June 30, 1976.

Applications or nominations for the post are invited by the Committee. These should be in writing, directed to the Chairman. Applications should include a resume, a brief statement of the reasons for the nomination. All correspondence will be held in confidence. The closing date is January 31, 1976.

Applications or nominations should be addressed to Margaret I. Bond, Chairman, Search Committee for the Principal, Victoria College, 73 Queen's Park Crescent East.



Dean of Medicine R.B. Holmes, a distinguished radiologist, has been elected president of the Radiological Society of North America. He is the second Canadian to be so honoured in the 60-year history of the Society, the largest of its kind in the world. Dr. Holmes, elected at the annual meeting in Chicago, attended by 14,000 delegates, has been a councillor, treasurer, and a member of the board of directors of the Society in the past 12 years. The Dean is also serving as North American representative to the Pan-American Federation of Associations of Medical Schools (PAFAMS), which has a special interest in medical education in Latin America.

### Smith snatches Presidential body

Continued from Page 1

professors and students who came to her office to complain about other matters were from time to time inadvertently processed with the sheep. But these are not matters of moment and I am sure that all of you at Smith will learn to live with her minor idiosyncracies.

On behalf of the Canadian universities I wish to congratulate the Trustees of Smith on your excellent choice of President. You have selected an individual with a genuine feeling for the values of higher education, with a great sense of purpose, and with energy and judgment to match the leadership responsibilities she has assumed. Above all, you have chosen a warm and humane person who

will earn the profound respect and sincere affection of everyone with whom she works - students, faculty, trustees, alumni, old and young alike.

At the same time, we congratulate President Conway on her good fortune to have been given the opportunity to express her leadership in this distinguished institution which is held in such high esteem, both at home and abroad.

Together with our formal greetings and congratulations on this occasion I bring you the good wishes of your many colleagues in universities across Canada and, in particular, the warm affection of all your friends at the University of Toronto.

### Annual opening date for Blue Cross Extended Health Care Plan

Application for participation in the Blue Cross Extended Health Care Plan from staff members not currently enrolled will now be accepted until Jan. 31, 1976 for coverage effective Mar. 1, 1976. If you wish to obtain this insurance to cover the additional medical costs of prescription drugs, nursing care, etc. in 1976, your completed application must be received by the Staff Relations Section of the Personnel Department by Jan. 31, 1976. Application forms and descriptive literature may be obtained from Staff Relations, 215 Huron St. - telephone 928-2015.

N.E. Burnham  
Manager Benefits Administration



UNIVERSITY  
of TORONTO

## Bulletin

Published by the Department of Information Services,  
43 Wilcocks Street, Toronto, Ontario  
M5S 1C7  
Telephone 928-2102.

The Bulletin is published on Fridays during the academic year. All copy should be typewritten and double-spaced. The deadline for most material is seven days before publication.



# The summer sun heats 'greenhouse' in winter

by Robbie Salter

The only house in Canada to be heated solely by the sun's rays is being built in a housing development in King Township. Prof. Frank C. Hooper, a mechanical engineer at U of T, designed the system, and architect John R. Hix designed the two-storey, four-bedroom house. Although there are some 100 houses in Canada and the northern part of the United States now using solar energy, Provident House, named by Prof. Hooper, is unique in that it uses no supplementary heat.

How can the sun's rays be collected and stored for heat in winter? Prof. Hooper, who has experimented with solar heat since 1948, "when it was hard to convince people we would one day need solar energy", explains that the collector is built on to the

industry. Hooper has found that the computer's rapid, accurate, and hourly recording of weather during the past 10 years has made a major difference in his research.

"For a long time," says Hooper, "Canadians have enjoyed low cost energy. Now we're losing the economic advantage we have had over other nations because petroleum resources are being exhausted. The cost of energy will continue to rise. By the year 2000 the whole world will experience severe fuel shortages. It is also predicted that 20 years from now we'll need almost twice as many square feet of living space as we now have in order to accommodate the rising population - and the mounting expectations in lifestyle. Such housing growth may, however, be inhibited by limitation of our energy supply."

Canadians are going to have to become more productive and more energetic, says Hooper. "For many years we were second only to the United States in our standard of living. We are now not higher than tenth - behind both Sweden and Germany. Japan is still behind Canada, but is rising rapidly, even with a limited supply of internal resources.

"We must make a major shift in our energy resources in the next 25 years - a shift to nuclear power. There is no reason to believe that there are large, undiscovered sources of energy that will suddenly appear. The North Sea deposits represent only 1/100 of those of the Near East, which now holds most of the world's oil reserves. Although there may be enough coal to supply energy for another 100 years, it is widely dispersed and difficult to reach."

Prof. Hooper also said that tidal and wind power, geothermal energy, and biomass (energy gained from burning such materials as wood, cane from sugar and corn), will provide only small sources of energy. "We are going to depend on nuclear power, and when breeder reactors are available, we should be able to get 100 times more power out of fuel than we are now getting. Perhaps 50-100 years from now we'll be using fusion power from the ocean's heavy water," says Frank Hooper.

Prof. Hooper predicts a rapid development in solar heated houses. "Solar heating is clean, silent, offers no fire hazard, and uses no critical materials. It also fosters the feeling that you're living in harmony with nature." Will solar heating give rise to a new wave of architecture? Hooper thinks it may well bring about



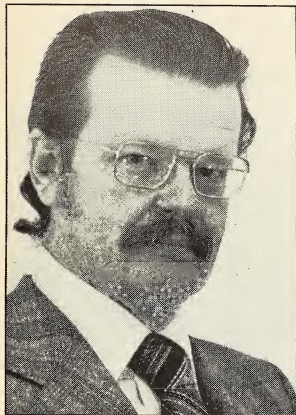
A model of the solar heated house showing the collector in the roof facing the sun.

interesting changes in design. "Just as the old Ontario farm house gave way to a ranch style home when it became too costly to heat the former with oil, so we may see a new house designed to co-operate with nature. The collector on a Canadian house using solar energy will have to be placed at a much greater angle to the horizontal than will a collector on a home in the south. In fact," explains Hooper, "one would be able to tell the latitude from observing the angle of the roof supporting the collector."

Will the cost of building a solar heated house be prohibitive? Prof. Hooper says it will probably mean an economic trade-off between initial capital expenditure and future fuel costs. In terms of the house's total life-span heating costs, however, it will be economical.

The cost of the design of Provident House is paid for through a grant from the Ministry of Urban Affairs; the solar components are funded by the Ontario Ministry of Energy, and the Ontario Housing Corporation. Although the University owns neither the house nor the property, Prof. Hooper will have access to the building for five years in order to monitor the efficacy of solar heating. He will also be able to demonstrate its feasibility to both the building industry and the public. Provident House will be open for inspection.

And for one year, before the sun-soaked house is placed on the open market, a caretaker family will be able to enjoy the warmth of living "on the sunny side of the street".



Prof. F. C. Hooper

steeply sloping side of the roof facing due south. The rays pass through the collector, which consists of two layers of glass situated above a black metal plate well insulated on the underside. Heat gathers between the plates, creating a "greenhouse effect".

Soldered to the underside of the metal plate is a grid system of pipes. Through these pipes water passes to and from a 60,000 gallon reservoir in the basement. The heat is transferred to the water flowing past the collector and is stored in the reservoir. When heat is required for the house, the hot water passes through a heat exchanger. There, heat is transferred from the water to air which is then circulated through the building. The storage tank is well insulated against heat loss so that by the end of summer, the maximum temperature in the reservoir will be 180 degrees F., and in March, it will be 95 degrees F., warm enough to keep a house comfortable.

The sun supplies a surprising amount of energy every day: in 15 minutes, in fact, enough solar energy reaches the earth to supply the world's needs for one year. Prof. Hooper says that "in December and January we get 50 hours of bright sunshine in Toronto. In July, we get 300 hours - a total of solar energy that is almost equal to that available farther south. Although it is easier for Mexico or Israel to collect solar energy, the saving in cost of heating is minimal compared to Canada's because our heating needs are four times greater than theirs." He adds that Canada uses 35 percent of its energy for heat, 35 percent for transportation, and the remainder for



A passer-by examines the section in the basement of Provident House where 60,000 gallons of solar-heated water will be stored. The hot water heats the air that is circulated through the house.

## We must conserve power - six timely tips on how

Confronted with both a rapid escalation in the costs of utilities and the dwindling supply of natural resources, members of the Physical Plant Department are researching more effective methods of reducing utilities' consumption.

Their efforts have met with excellent co-operation and "a marked reduction has been achieved", reports Edward Guloien, manager of operations and maintenance, utilities and equipment.

"However," he adds, "further reductions are warranted and this

necessitates the full participation of all who utilize the University's facilities."

The suggested energy-saving techniques can be grouped under six general headings:

### Lighting

Switch off lights when outdoor light is sufficient, when leaving your office for more than 10 minutes or when going home at night. If light levels can be reduced, have the lamps removed or use bulbs of a lower wattage.

### Electrical Equipment

Turn off electrical devices as soon as the job is completed, during break time and, of course, when going home at night. Plan work for minimum power consumption and select new electrical devices with the lowest kilowatt hours rating.

### Water

Turn off all water taps when not in use, report any leaking taps and use hot and/or distilled water only when required. If water is to be used as a cooling medium, make sure it picks up at maximum

temperature between inlet and outlet, and turn off cooling water when equipment is not in use.

### Heating

Use of thermostats is crucial: during winter months maintain a temperature of 68° Fahrenheit or lower; on weekends and at nights lower thermostats to at least 60° Fahrenheit; if space is not occupied for long periods of time, lower the thermostat to at least 55° Fahrenheit. To cool down an area, do not open a window - rather reset the thermostat or close a heating valve.

### Mechanical Equipment

Shut down ventilators when not required and do likewise to fume hoods when the experiment is completed. Shut down as well all cold-rooms, environmental rooms, fridges and so on when not in use.

### Elevators

Use stairs when possible.

Additional suggestions are welcome at the office of the co-ordinator of energy conservation activities, telephone 928-5562 or 928-3000.



## EVENTS

Unless otherwise indicated, all members of the University and the general public are welcome to attend any event.

### 9 FRIDAY

Lecture - The Critical Makers of Franz Fanon. Prof. Atu Seky-Otu, Social Sciences Department, York University, Croft Chapter House, University College, 12 noon.

Colloquium - Vibrational and Rotational Relaxation Phenomena. Prof. H. Rabitz, Princeton University, Room 158, Lash Miller Chemical Laboratories, 4 p.m.

Hockey - Queen's vs Varsity. Varsity Arena, 8 p.m.

### 13 TUESDAY

Lecture - Climate and Human Stress. Prof. Kenneth Hare, Institute for Environmental Studies, H-214, Scarborough College, 12 noon.

Film - *The Visible Woman*. A documentary by Beryl Fox tracing the history of women's rights in Canada. Sponsored by *The University Woman*, Room 412, Rosebrugh Building, 4 Taddle Creek Road, 12.15 p.m. and 1.15 p.m.

Lecture - Dynamics in Spheroidal Mass Distributions, a Third Integral of Motion, and Angular Momentum. Dr. Kim Inan, CRESS, York University, David Dunlop Observatory, 4 p.m.

Basketball - York vs Varsity. Benson Building, 8.15 p.m.

Lecture - The Loch Ness Phenomenon. Dr. Chris McGowan, Associate Curator, Vertebrate Paleontology. A discussion on the Loch Ness phenomenon and the possibility of whether the Loch houses a relic of the past. ROM Theatre, 8.30 p.m. Admission free.

### 14 WEDNESDAY

Film - *The Visible Woman*. A documentary by Beryl Fox tracing the history of women's rights in Canada. Sponsored by *The University Woman*, Room 412, Rosebrugh Building, 4 Taddle Creek Road, 12.15 p.m. and 1.15 p.m.

Film - *Folly on the Hill*. A probing look at Canada's Parliament Buildings and their role in Canadian life. One of seven hour-long CBC documentaries in the "Images of Canada" series. ROM Theatre, 5.30 p.m. Admission free.

Lecture - Education for Women. Dr. Jill K. Conway, President, Smith College. Sponsored by Innis College Women's Studies program and SAU Women's Commission. Innis Hall, Innis College, Sussex St. 7 p.m.

Meeting - Students' Administrative Council. Council Chamber, Galbraith Building, 7 p.m.

Music - Collegium Musicum Workshop, directed by Greta

Kraus. Walter Hall, Edward Johnson Building, 7.30 p.m.

Library Evening - Robertson Davies. Hart House Library, 8 p.m.

### 15 THURSDAY

Lecture-Demonstration - A funny thing happened on the way through the Mus. Bac. Course. Benjamin McPeck, composer and organist. Walter Hall, Edward Johnson Building, 2.10 p.m.

Films - *A Lover's Quarrel with the World: Portrait of Robert Frost and Bells of Atlantis* (Ian Hugo and Anais Nin, 1953). St. Michael's Poetry Series 75-76. Upper Brennan Hall, 4 p.m.

### 16 FRIDAY

Colloquium - The Importance of Electronic Structure in Chemical Reactivity: Light and Heavy Atoms Compared. Dr. David Husain, Department of Physical Chemistry, Cambridge University, 158 Lash Miller Chemical Laboratories, 4 p.m.

Gathering - Informal coffee hour for single faculty members, others welcome. Pendaves Lounge, International Student Centre, 4.30 to 6 p.m. Additional information 494-8403 or 429-1680.

Film - *Olympia I: Festival of the People*. The celebrated film by Leni Riefenstahl of the 1936 Berlin Olympics. H-216, Scarborough College, 7.30 p.m.



Vnze ans m'ont veu tenant, le sceptre  
des François:  
L'vnzime m'a veu pris, soubz vn  
sainct Mariage.  
Es filetz de l'Amour, à vingt ans de  
mon aage,  
Ioinnant l'Aigle d'Austriche au beau  
Lys de nos Roys.

This woodcut of Charles IX is reproduced from *The Paris Entries of Charles IX and Elisabeth of Austria 1571* by Prof. Victor E. Graham, Department of French, and Prof. W. McAllister Johnson, Department of Fine Art, and published by U of T Press in 1975. In France, the book has been honoured in a number of ways. A copy was presented to President Valéry Giscard d'Estaing on June 2, and more recently, Prof. Raymond Lebeque of the Institut de France eulogized the book in formally offering it for consideration to the Académie des inscriptions et belles lettres. His remarks, which referred to *The Paris Entries* as a "bel et savant ouvrage", are to be published in the proceedings of the academy.

## PHD ORALS

### Thursday, January 15

Ned John Lawrie, Department of Political Economy, "The Canadian Construction Association: An Interest-Group Organization and its Environment." Thesis supervisor: Prof. K. Bryden. Room 108, 16 Hart House Circle, 2 p.m.

Charles Anthony Sharmar, Department of English, "Bernard Shaw's Dramatic Theory and Practice: An Examination of Some Critical Approaches, With Emphasis upon Those of Shaw Himself." Thesis supervisor: Prof. R. Davies. Room 201, 65 St. George St., 2 p.m.

### Friday, January 16

Janice Newson, Department of Sociology, "The Roman Catholic Clerical Exodus: A Study of Role-Adaptation and Organizational Change." Thesis supervisor: Prof.

R. Breton. Room 201, 65 St. George St., 10 a.m.

Esen A. Ozkarakhan, Department of Computer Science, "An Associative Processor for Relational Data Bases - RAP." Thesis supervisors: Profs. S. Schuster and K.C. Smith. Room 108, 16 Hart House Circle, 10 a.m.

Allan Fredric Briemaster, Department of English, "Structures the Mind Builds: A Study of Wordsworth's Consistency of Thought in Lyrical and Meditative Poetry 1798 - 1806." Thesis supervisor: Prof. M.T. Wilson. Room 201, 65 St. George St., 2 p.m.

John Wayne Seaman, Department of Political Economy, "L.T. Hobhouse and Liberal-Democratic Theory." Thesis supervisor: Prof. C.B. Macpherson. Round Room,

Massey College, 2 p.m.

Paul Griffith Thomas, Department of Political Economy, "The Role of Committees in the Canadian House of Commons 1960-1972." Thesis supervisor: Prof. P. W. Fox. Choir Room, Massey College, 2 p.m.

### Monday, January 23

Jon Lanham, Department of English, "A Critical Edition of Ideas of Good and Evil by W.B. Yeats, With Collation, Notes and Commentary." Thesis supervisor: Prof. M.J. Sidnell. Room 201, 65 St. George St., 2 p.m.

Since it is sometimes necessary to change a date or time of an oral examination, please confirm the information given in these listings with the Ph.D. oral office, telephone 928-5258.

### Safety first!

The Safety Department reports that in the month of December, 1975, three staff members of the University sustained broken wrists in slip and fall accidents on campus.

The most hazardous footwear in ice and snow has a leather or composition-type sole. By being aware of the danger inherent in winter conditions and by wearing suitable rubber-soled shoes or overshoes, pedestrians can reduce the risk of accidents.

Members of the University staff suffered 221 compensable accidents in the number of lost-time accidents during 1975, the lowest annual total since the present reporting system was instituted in January, 1973.

James H. Murphy, chief safety officer, noted a significant reduction in the number of lost-time accidents, to 72 from 94 during 1974. The overall total of 221 also compares favourably with the 250 accidents reported during 1972.

## 28 percent of Ontario fellows at U of T

The U of T accounted for 28 percent of the 835 post-graduate fellows at Ontario universities in the 1973-74 academic year, according to a recent study prepared by L.C. Payton, a research associate on the staff of the Council of Ontario Universities.

Based on replies to a questionnaire, Payton estimates that 29 percent of the 1973-74 fellows were Canadian citizens, an increase of 137 percent over the 1969-70 level.

## JOB OPENINGS

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the personnel office for further information. The number in brackets following the name of the department in the list indicates the personnel office responsible. Please call:

- (1) - Sylvia Holland, 928-6470; (2) - Wendy Chin, 928-5468; (3) - Manfred Wewers, 928-4834; (4) - Ann Sansfield, 928-2112; (5) - David Christman, 928-7308.

Clerk Typist II (\$6,480 - 7,620 - 8,760)  
Faculty of Food Sciences (4)

Clerk Typist III (\$7,130 - 8,390 - 9,650)  
Electrical Engineering (5), U of T Press (2)

Secretary I (\$7,130 - 8,390 - 9,650)  
Dentistry (4), Physics (5), Chemistry (5), Admissions (4), Graduate Department of German (5), Computer Science (5)

Secretary II (\$7,850 - 9,230 - 10,610)  
University College (2)

Secretary III (\$8,640 - 10,160 - 11,680)  
Office of Vice-President & Provost (3)

Secretary IV (\$9,610 - 11,300 - 13,000)  
School of Graduate Studies (2)

Dental Assistant (\$7,850 - 9,230 - 10,610)  
Faculty of Dentistry (4)

Clerk IV (\$8,640 - 10,160 - 11,680)  
Clinical Sciences Division - Medicine (4)

Programmer IV (\$16,990 - 19,990 - 22,990)  
UTCC - Systems (3)

## RESEARCH NEWS

### Canadian Steel Industries Construction Council Research Grants

The Canadian Steel Industries Construction Council has announced that it will make one year grants for research on subjects judged to be of value in advancing the use of steel in construction. Members of the Engineering faculty are invited to apply to the C.S.I.C.S. by Feb. 2, 1976. For further information call ORA at 928-2163.

### Canada Department of Labour University Research Program

The Canada Department of Labour makes awards of up to \$5000 a year to individuals (or in excess of this in the case of teams) for research in the areas of economic, industrial relations, social

and other aspects of labour, including wages, incomes, productivity, technological change, collective bargaining, labour law and labour history. Applications must be submitted to the Department by Feb. 15, 1976. For further information and applications, call ORA at 928-2874.

### Application Deadlines

The following are final deadlines for applications to be received at the designated agencies in the approaching weeks: Health and Welfare Canada - Health Directorate - Jan. 31; Ontario Ministry of Health Fellowships, Laidlaw Foundation Fellowships - Feb. 1. All applicants for research support are advised that applications should be forwarded to ORA at least ten working days prior to the agency deadline date.